

CLAIMS

1. A biodegradable sheet comprising a resin composition, wherein the resin composition containing 75 to 25 mass% of a polylactic acid resin and 25 to 75 mass% of a polyester having a glass transition temperature of 0°C or less and a melting point higher than the glass transition temperature of the polylactic acid resin based on total 100 mass%, wherein the polylactic acid resin in the sheet has a degree of crystallization of 45% or less.
2. A biodegradable sheet comprising a resin composition, wherein the resin composition containing 75 to 25 mass% of a polylactic acid resin and 25 to 75 mass% of a polyester having a glass transition temperature of 0°C or less and a melting point of 90°C or more, and wherein the polylactic acid resin in the sheet has a degree of crystallization of 45% or less.
- 20 3. The biodegradable sheet according to claim 1 or 2, wherein the polylactic acid resin has a degree of crystallization of 20% or less.
4. The biodegradable sheet according to any one of 25 claims 1 to 3, wherein the polyester is a biodegradable

aliphatic polyester other than the polylactic acid resin.

5. A biodegradable sheet comprising a resin
5 composition, wherein the resin composition containing
75 to 25 mass% of a polylactic acid resin and 25 to 75
mass% of a polyester having a glass transition
temperature of 0°C or less and a melting point higher
than the glass transition temperature of the polylactic
10 acid resin based on total 100 mass%, and wherein a molded
article molded from the sheet has a volume reduction
ratio of 6% or less.

6. A biodegradable sheet for deep-drawing, comprising
15 a resin composition, wherein the resin composition
containing 75 to 25 mass% of a polylactic acid resin
and 25 to 75 mass% of a polyester having a glass transition
temperature of 0°C or less and a melting point higher
than the glass transition temperature of the polylactic
20 acid resin based on total 100 mass%, and wherein the
polylactic acid resin in the sheet has a degree of
crystallization of 45% or less.

7. A molded article molded from a sheet that comprises
25 a resin composition, wherein the resin composition

containing 75 to 25 mass% of a polylactic acid resin and 25 to 75 mass% of a polyester having a glass transition temperature of 0°C or less and a melting point higher than the glass transition temperature of the polylactic acid resin based on total 100 mass%, and having a volume reduction ratio of 6% or less.

8. A molded article molded from a biodegradable sheet that comprises a resin composition, wherein the resin composition containing 75 to 25 mass% of a polylactic acid resin and 25 to 75 mass% of a polyester having a glass transition temperature of 0°C or less and a melting point higher than the glass transition temperature of the polylactic acid resin based on total 100 mass%, and wherein the polylactic acid resin in the sheet has a degree of crystallization of 45% or less, at a temperature not lower than a melting point of the polyester and lower than a temperature by 30°C higher than the melting point of the polyester, and having a volume reduction ratio of 6% or less.

9. The molded article according to claim 8, which is molded from a biodegradable sheet that comprises a resin composition, wherein the resin composition containing 75 to 25 mass% of a polylactic acid resin and 25 to 75

mass% of a polyester having a glass transition temperature of 0°C or less and a melting point higher than the glass transition temperature of the polylactic acid resin based on total 100 mass%, and wherein the 5 polylactic acid resin in the sheet has a degree of crystallization of 45% or less, at a temperature not lower than a melting point of the polyester and lower than a temperature by 30°C higher than the melting point of the polyester, and then post-crystallized at a 10 temperature not lower than the glass transition temperature of the polylactic acid resin and lower than the melting point of the polyester, and having a volume reduction ratio of 6% or less.

15 10. A method for producing a molded article, comprising forming a molded article from a biodegradable sheet that comprises a resin composition, wherein the resin composition containing 75 to 25 mass% of a polylactic acid resin and 25 to 75 mass% of a polyester having a 20 glass transition temperature of 0°C or less and a melting point higher than the glass transition temperature of the polylactic acid resin based on total 100 mass%, and wherein the polylactic acid resin in the sheet has a degree of crystallization of 45% or less, at a 25 temperature not lower than a melting point of the

polyester and lower than a temperature by 30°C higher than the melting point of the polyester.

11. The method for producing a molded article according
5 to claim 10, further comprising post-crystallizing the
molded article formed from the biodegradable sheet at
the molding temperature, at a temperature not lower than
the glass transition temperature of the polylactic acid
resin and lower than the melting point of the polyester.

10